

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 2391-1-2

SERIAL NO. 07/911,760

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANT BARCLAY

FILING DATE July 10, 1992

GROUP ART 1302

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AW		Ainsworth, "Introduction and Keys to Higher Taxa", pp. 1-7, 1973, in <u>The Fungi. An Advanced Treatise</u> , Vol. 4B, (G.C. Ainsworth et al. eds., Academic Press)
AX		Bahnweg et al., "A New Approach to Taxonomy of the Thraustochytriales and Labyrinthulales", pp. 131-140, 1986, in <u>The Biology of Marine Fungi</u> , (S.T. Moss ed., Cambridge University Press)
AY		Bartnicki-Garcia, "The Cell Wall: A Crucial Structure in Fungal Evolution", pp. 389-403, 1988, in <u>Evolutionary Biology of the Fungi</u> , (A.D.M. Rayner et al. eds., Cambridge University Press)
AZ		Cavalier-Smith, "The Origin of Nuclei and of Eukaryotic Cells", pp. 463-468, 1975, <u>Nature</u> , Vol. 256

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AW	Cerda-Olmeda et al., "A Biography of <u>Phycomyces</u> ", pp. 7-26, 1987, in <u>Phycomyces</u> , (Cerda-Olmeda et al. eds., CSH Laboratory)
AX	Dick, "Saprolegniales", pp. 113-144, 1973, in <u>The Fungi. An Advanced Treatise</u> , (G.C. Ainsworth et al. eds., Academic Press))
AY	Ellenbogen, "Polyunsaturated Fatty Acids of Aquatic Fungi: Possible Phylogenetic Significance", pp. 805-811, 1969, <u>Comp. Biochem. Physiol.</u> , Vol. 29
AZ	Emerson, "Current Trends of Experimental Research in the Aquatic <u>Phycomycetes</u> ", pp. 169-200, 1950, <u>Ann. Rev. Micro.</u> , Vol. 4

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AW	Erwin, "Comparative Biochemistry of Fatty Acids in Eukaryotic Microorganisms", pp. 41-143, 1973, in <u>Lipids and Biomembranes of Eukaryotic Microorganisms</u> , (J. Erwin ed., Academic Press)
AX	Findlay et al., "Biochemical Indicators of the Role of Fungi and Thraustochytrids in Mangrove Detrital Systems", pp. 91-103, 1986, in <u>The Biology of Marine Fungi</u> , (S.T. Moss ed., Cambridge University Press)
AY	Fuller, et al., "Isolation and Pure Culture Study of Marine Phycomycetes", pp. 745-756, 1964, <u>Mycologia</u> , Vol. 56
AZ	Gellerman et al., "Methyl-Directed Desaturation of Arachidonic to Eicosapentaenoic Acid in the Fungus, <u>Saprolegnia Parasitica</u> ", pp. 23-30, 1979, <u>Biochim. Biophys. Acta</u> , Vol. 573

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AW	Goldstein, "Development and Nutrition of New Species of Thraustochystrum", pp. 271-279, 1963, Am. J. Bot., Vol. 50
AX	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. II. Nutrition and Respiration", pp. 468-472, 1969, Mycologia, Vol. 61
AY	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. I. Development and Cytology", pp. 1-11, 1966, Archiv for Mikrobiologie, Vol. 53.1
AZ	Henderson et al., "Lipid Composition and Biosynthesis in the Marine Dinoflagellate Cryptothecodinium Cohnii", pp. 1679-1683, 1988, Phytochemistry, Vol 27. No. 6

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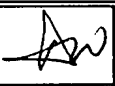
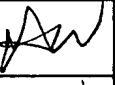
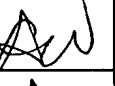

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	AW		Hori et al., "The Nucleotide Sequence of 5S rRNA from a Cellulai Slime Mold Dictyostelium Discoideum"
			pp. 5535-5539, 1980, Nucl. Acids Res., Vol. 8
	AX		Hunter, "Fish Oil and Other Omega-3 Sources", pp. 1592-1596, 1987, J. Am. Oil Chem. Soc., Vol. 64
	AY		Kates, "Technique: of Lipidology: Isolation, Analysis and Identification of Lipids", pp. 186-278, 1986, Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 3
	AZ		Kyle, "Microalgae as a Source of EPA-Containing Oils", p. 1251, 1987, J. Am. Oil Chem. Soc., Vol. 64

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AW		Lepage et al., "Improved Recovery of Fatty Acid Through Direct Transesterification Without Prior Extraction or Purification", pp. 1391-1396, 1984, J. Lipid Res., Vol. 25
AX		Mannella et al., "Interrelatedness of 5S RNA Sequences Investigated by Correspondence Analysis", pp. 228-235, 1987, J. Mol. Evol., Vol. 24
AY		Miller, "Isolation and Pure Culture of Aquatic Phycomycetes by Membrane Filtration", pp. 524-527, 1967, Mycologia, Vol. 59
AZ		Moss, "Biology and Phylogeny of the Labrinthulales and Thraustochytriales", pp. 105-129, 1986, in The Biology of Marine Fungi, (S.T. Moss ed., Cambridge University Press)

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AW	Perkins, "Phylogenetic Considerations of the Problematic Thraustochytriaceae-Labrinthulid-Dermocystidium Complex Based on Observations of Fine Structure", pp. 45-63, 1974, <u>Veroff. Inst. Meeresforsch. Bremerh. Suppl.</u> , Vol. 5
AX	Pigot, "The Need to Improve Omega-3 Content of Cultured Fish", pp. 63-68, 1989, <u>World Aquaculture</u> , Vol. 20
AY	Pohl et al., "Fatty Acids and Lipids of Marine Algae and the Control of Their Biosynthesis by Environmental Factors", pp. 473-523, 1979, <u>Marine Algae in Pharmaceutical Science</u> , (Hoppe et al. eds.)
AZ	Ryther, "Cultivation of Macroscopic Marine Algae", pp. 79-88, 1983, <u>Solar Energy Research Institute Aquatic Species Program Review. Proc of the March 1983 Principal Investigators Meeting, SERI/CP/-231 1946</u>

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DW	AW		Schlenk, "Urea Inclusion Compounds of Fatty Acids", pp. 243-267, 1954, Prog. Chem. Fats and Other Lipids, Vol. 2
AW	AX		Schneider, "Cultivation of Micro-organisms. Section 3.2: Fungi", pp. 337-345, 1976, in Marine Ecology, Vol. 3, Part 1. Cultivation, (O. Kinne ed., Wiley and Sons)
AW	AY		Simopoulos et al. (eds.), Health Effects of Polyunsaturated Fatty Acids in Seafoods, Chaps. 2-5, 7, 17 1986, Academic Press)
AW	AZ		Sorokin, "Dry Weight, Packed Cell Volume and Optical Density", pp. 321-343, 1973 in Handbook of Phycological Methods: Culture Methods and Growth Measurements, (J.R. Stein ed., Cambridge University Press)

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AW		Sparrow, <u>Aquatic Phycomycetes</u> , pp. 36-39, 1960, University of Michigan Press
AX		Wassef, "Fungal Lipids", pp. 159-232, 1977, <u>Adv. Lipid Res.</u> , Vol. 15
AY		Weete, "Fatty Acids", pp. 49-95, 1980, in <u>Lipid Biochemistry of Fungi and Other Organisms</u> , (Plenum Press)
AZ		Yamada et al., "Production of Arachidonic Acid and Eicosapentaenoic Acid by Microorganisms", p. 1254, 1987, <u>J. Am. Oil Chem. Soc.</u> , Vol. 64

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